

Title (en)

Device and method for automatically centring die holders of a stamping machine

Title (de)

Einrichtung und Verfahren zum automatischen Zentrieren der Werkzeugaufnahmen einer Stanzmaschine

Title (fr)

Dispositif et procédé de centrage automatique des réceptions d'outils d'une poinçonneuse

Publication

EP 2165784 B1 20110615 (DE)

Application

EP 08016387 A 20080917

Priority

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Abstract (en)

[origin: EP2165784A1] The device (19) has a control unit (21), an actuator (23) and a detecting unit (16) for detecting a misalignment in X-direction and Y-direction between an upper tool holder and a lower tool holder. The detecting unit is arranged in the upper and lower tool holders of a punching machine. The detecting unit has a sensor element and a camera system. The detecting unit is embedded in a tool for measuring a mass in the Z-direction. An independent claim is included for a method for automatic centering of tool holders of a punching machine.

IPC 8 full level

B21D 28/04 (2006.01); **B23Q 17/22** (2006.01)

CPC (source: EP)

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Cited by

DE102016120142A1; WO2018055185A1; CN109789474A; FR3065659A1; CN114029570A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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